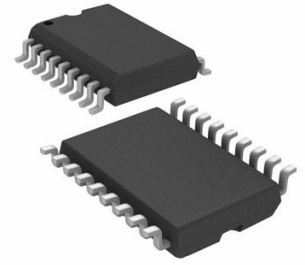



## MCU 8-bit PIC RISC 3.5KB Flash 2.5V/3.3V/5V Automotive 18-Pin SOIC W Tube



Images are for reference only

<b>Manufacturer:</b>	<a href="#">Microchip Technology, Inc</a>
<b>Package/Case:</b>	SOP18
<b>Product Type:</b>	Embedded Processors & Controllers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active

[Inquiry](#)

### General Description

#### OVERVIEW

The PIC16F/LF182X and PIC12F/LF1822 devices can be programmed using either the high-voltage In-Circuit Serial Programming™ (ICSP™) method or the low voltage ICSP™ method.

#### Key Features

- 49 (14-bit wide) easy instructions to learn
- 16 level hardware stack
- 2 (16-bit) file select registers
- Hardware interrupt handling with content save
- 32kHz to 32MHz internal oscillator
- 256bytes of EEPROM data memory
- Brown-out reset (BOR)
- Low voltage detection
- Power on reset (POR)
- Internal voltage reference (Bandgap)
- Two 8-bit digital timers
- One 16-bit digital timer
- 1x Enhanced Capture/Compare/PWM (ECCP)
- In-Circuit Serial Programming™ (ICSP™)

### Recommended For You

**PIC16F84A-20/P**

Microchip Technology, Inc  
DIP18

**PIC16F54-I/P**

Microchip Technology, Inc  
DIP

**PIC18F2320-I/SP**

Microchip Technology, Inc  
DIP28

**PIC18F2685-I/SP**

Microchip Technology, Inc  
SPDIP-28

**PIC16F767-I/SO**

Microchip Technology, Inc  
SOP

**PIC16F630-I/SL**

Microchip Technology, Inc  
SOP14

**PIC16F15345-I/SO**

Microchip Technology, Inc  
SOP20

**PIC16F84-04/P**

Microchip Technology, Inc  
DIP18

**PIC18F4320-I/PT**

Microchip Technology, Inc  
QFP

**PIC16C622A-04/P**

Microchip Technology, Inc  
DIP

**PIC16F84A-04/P**

Microchip Technology, Inc  
DIP18

**PIC18F2480-I/SP**

Microchip Technology, Inc  
DIP

**PIC16F628-04/P**

Microchip Technology, Inc  
DIP

**PIC16F877-20/L**

Microchip Technology, Inc  
PLCC44

**PIC16F676-I/P**

Microchip Technology, Inc  
DIP-14